

## ABSTRACT OF THE INVENTION

1 A sealing device for a sulfur trap includes a float, a counterweight, and a cleaning rod. The  
2 density of the sealing device allows flotation of the device in molten sulfur. The  
3 counterweight includes a surface to mate with an upwardly extending hollow cylinder in the  
4 sulfur trap through which molten sulfur may flow. The sealing device engages the upwardly  
5 extending cylinder in a first position and floats in the molten sulfur contained in an upper  
6 chamber of the sulfur trap in a second position. The cleaning rod and counterweight contact  
7 the sides of the upwardly extending cylinder to prevent buildup of solid sulfur.